



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of:  
**CRISPIN O'BRIEN ET AL.**  
  
Serial No.: **10/650,375**  
  
Filed: **August 28, 2003**  
  
Title: **"SYSTEMS AND METHODS FOR  
TREATING A SUBTERRANEAN  
FORMATION USING CARBON  
DIOXIDE AND A CROSSLINKED  
FRACTURING FLUID"**

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§ Group Art Unit: **3672**  
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§ Examiner: **GIOVANNA M. COLLINS**  
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§ Atty. Docket No: **HES 2003-IP-011793U1**  
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§

**MAIL STOP AF**  
**Honorable Commissioner of Patents**  
**P.O. Box 1450**  
**Alexandria, VA 22313-1450**

CERTIFICATE OF MAILING	
ATTY. DOCKET No.:	HES 2003-IP-011793U1
SERIAL No.:	10/650,375
GROUP ART UNIT:	3672
EXAMINER:	GIOVANNA M. COLLINS
PURSUANT TO 37 C.F.R. §1.10, I HEREBY CERTIFY THAT I HAVE INFORMATION AND A REASONABLE BASIS FOR BELIEF THAT THIS CORRESPONDENCE WILL BE DEPOSITED WITH THE UNITED STATES POSTAL SERVICE AS EXPRESS MAIL, POST OFFICE TO ADDRESSEE, ON THE DATE INDICATED BELOW, AND IS ADDRESSED TO:	
MAIL STOP AF HONORABLE COMMISSIONER FOR PATENTS P.O. Box 1450 ALEXANDRIA, VA 22313-1450	
TAMMY KNIGHT	1/9/06 DATE
EXPRESS MAIL LABEL: <b>ED804320815US</b>	

**TRANSMITTAL LETTER**

Dear Sir:

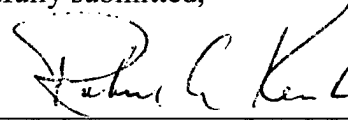
Applicants hereby submit the following documents to be filed with the United States Patent and Trademark Office:

- Amendment and Response to the Office Action, mailed October 26, 2005;
- and
- Return receipt postcard.

Please date stamp and return the enclosed postcard evidencing receipt of these materials.

Applicants believe that no fees are due in association with the filing of this Response. However, should the Commissioner deem that any additional fees are due, including any fees for extensions of time, the Commissioner is authorized to debit the Deposit Account of Halliburton Energy Services, Inc., No. 08-0300, for any underpayment of fees that may be due in association with this filing.

Respectfully submitted,



Date: January 6, 2006

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Robert A. Kent  
Registration No. 28,626  
Halliburton Energy Services, Inc.  
2600 South Second Street  
P.O. Drawer 1431  
Duncan, OK 73536-0440  
Telephone: 580-251-3125

They

**Attorney Docket No. HES 2003-IP-011793U1**



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re: Application of:

CRISPIN O'BRIEN ET AL.

Serial No.: **10/650,375**

Filed: **August 28, 2003**

Title: **“SYSTEMS AND METHODS FOR TREATING A SUBTERRANEAN FORMATION USING CARBON DIOXIDE AND A CROSSLINKED FRACTURING FLUID”**

[illegible]

Group Art Unit: 3672

Examiner: **GIOVANNA M. COLLINS**

Atty. Docket No: **HES 2003-IP-011793U1**

## CERTIFICATE OF MAILING

ATTY. DOCKET NO.: HES 2003-IP-011793U1  
SERIAL NO.: 10/650,375  
GROUP ART UNIT: 3672  
EXAMINER: GIOVANNA M. COLLINS

PURSUANT TO 37 C.F.R. §1.10, I HEREBY CERTIFY THAT I HAVE INFORMATION AND A REASONABLE BASIS FOR BELIEF THAT THIS CORRESPONDENCE WILL BE DEPOSITED WITH THE UNITED STATES POSTAL SERVICE AS EXPRESS MAIL, POST OFFICE TO ADDRESSEE, ON THE DATE INDICATED BELOW, AND IS ADDRESSED TO:

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HONORABLE COMMISSIONER FOR PATENTS  
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TAMMY KNIGHT

**DATE**

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**MAIL STOP AF**  
**Honorable Commissioner of Patents**  
**P.O. Box 1450**  
**Alexandria, VA 22313-1450**

**AMENDMENT  
AND  
RESPONSE UNDER 37 C.F.R. §1.111 TO  
OFFICE ACTION, MAILED October 26, 2005**

Dear Sir:

In response to the Office Action mailed October 26, 2005, Applicants submit this timely response and respectfully request reconsideration of the Examiner's objections and rejections.

- **Amendments to the Claims** are reflected in the listing of claims that begins on page 5 of this paper.
- **Remarks/Arguments** begin on page 8 of this paper.